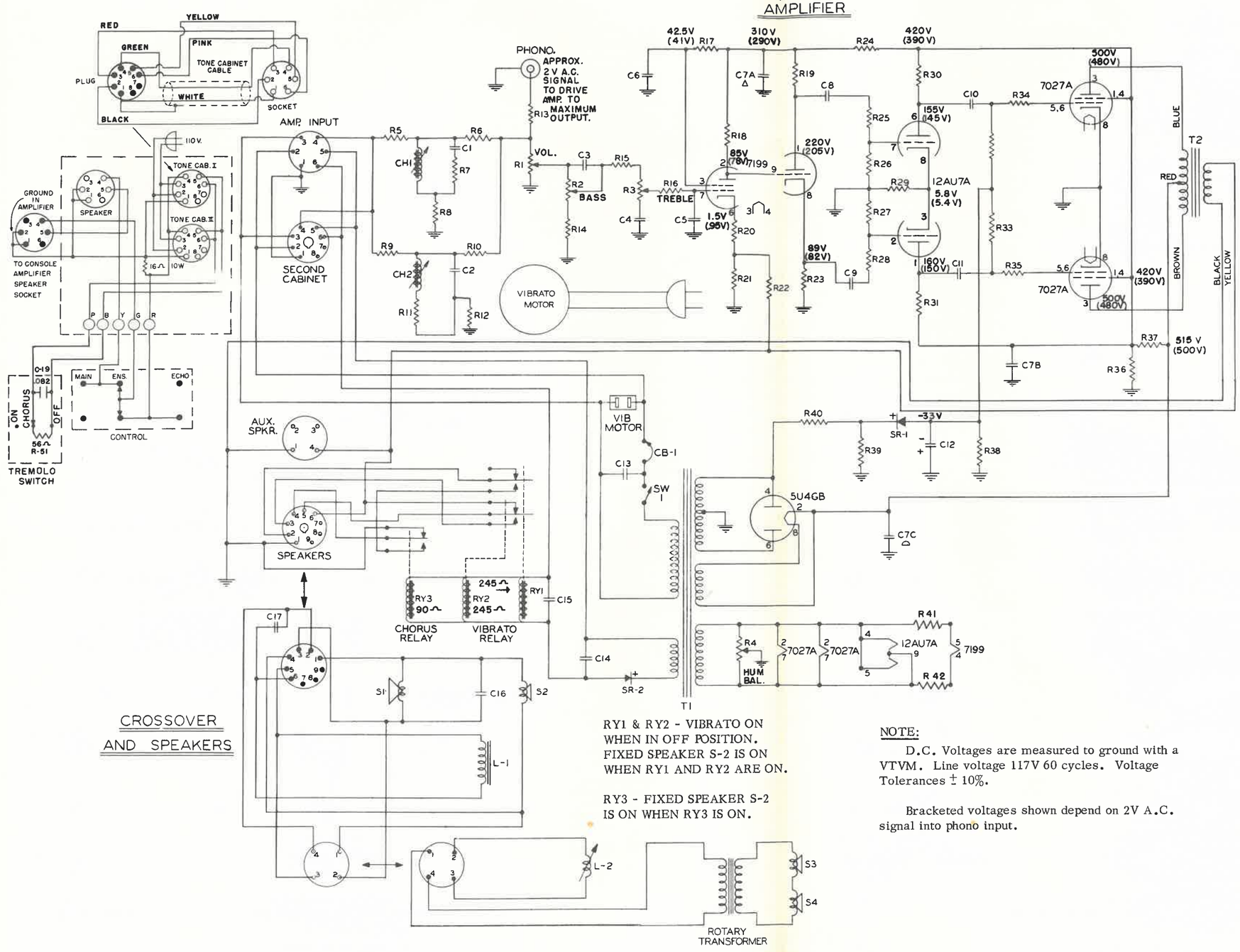
M-7045
AMPLIFIER



CROSSOVER AND SPEAKERS

RY1 & RY2 - VIBRATO ON WHEN IN OFF POSITION. FIXED SPEAKER S-2 IS ON WHEN RY1 AND RY2 ARE ON.

RY3 - FIXED SPEAKER S-2 IS ON WHEN RY3 IS ON.

NOTE:

D.C. Voltages are measured to ground with a VTVM. Line voltage 117V 60 cycles. Voltage Tolerances ± 10%.

Bracketed voltages shown depend on 2V A.C. signal into phono input.

ITEM	PART NO	NAME
R42	74269-3	RESISTOR .56 OHMS ±5% 1W
R41	74269-3	" .56 " ±5% 1W
R40	72530-32	" 120K " ±10% 2W
R39	72364-31	" 15K " ±5% 1W
R38	72376-32	" 47K " ±10% 1W
R37	72956-2	" 2K " " 10W
R36	72978-2	" 18K " " 10W
R35	72208-32	" 4.7K " " 2W
R34	72208-32	" 4.7K " " 2W
R33	72240-32	" 100K " ±10% 2W
R32	72240-32	" 100K " ±10% 2W
R31	73496-3	" 50K " ±5% 10W
R30	73496-3	" 50K " ±5% 10W
R29	72330-3	" 560 " ±10% 1W
R28	72256-32	" 470K " " 2W
R27	72240-32	" 100K " " 2W
R26	72240-32	" 100K " " 2W
R25	72256-32	" 470K " ±10% 2W
R24	72508-32	" 15K " ±10% 2W
R23	72364-31	" 15K " ±5% 1W
R22	72198-32	" 1.8K " ±10% 2W
R21	72144-32	" 10 " ±10% 2W
R20	72262-32	" 820K " ±10% 2W
R19	72364-31	" 15K " ±5% 1W
R18	72248-32	" 220K " ±10% 2W
R17	72262-32	" 820K " " 2W
R16	72240-32	" 100K " " 2W
R15	72240-32	" 100K " " 2W
R14	72394-32	" 270K " " 1W
R13	72248-32	" 220K " " 2W
R12	72170-32	" 120 " " 2W
R11	72188-32	" 680 " " 2W
R10	72248-32	" 220 K " " 2W
R9	72196-32	" 1.5K " " 2W
R8	72166-32	" 82 " " 2W
R7	72168-32	" 100 " " 2W
R6	72233-31	" 51K " " 2W
R5	72196-32	RESISTOR 1.5K ±10% 2W
R4	117968	CONTROL 100
R3	53545	" 1 MEG.
R2	53545	" 1 MEG.
R1	18452	CONTROL 100K OHMS

ITEM	PART NO	NAME
L2		SOLENOID
L1		COIL
T2	117958	TRANSFORMER - OUTPUT
T1	119076	TRANSFORMER - POWER
CH2	118097	INDUCTOR 750 MH.
CH1	118096	INDUCTOR 32 MH.
CB1	70998-2	CIRCUIT BREAKER 2 AMP.
C17	71819	CAPACITOR 15 MFD
C16	71819	CAPACITOR 15 MFD
C15	71541-11	CAPACITOR .1 MFD 100WV
C14	71820	" 1000 MFD 25WV
C13	71535-16	" .033 MFD 600WV
C12	71595	" .100 MFD 250WV
C11	71541-16	" .1 MFD 600WV
C10	71541-16	" .1 MFD 600WV
C9	71533-14	" .022 MFD 400WV
C8	71533-14	" .022 MFD 400WV
C7C		△ 50 MFD 500WV
C7B	70999	□ 40 MFD 500WV
C7A		△ 20 MFD 400WV
C6	73203-373	" 20 MFD 350 WV
C5	70526-240	" 47 MMFD. CERAMIC
C4	70542-240	" 220 MMFD. CERAMIC
C3	71521-14	" .0022MFD. 400WV
C2	71549-11	" .47 MFD. 100W V
C1	71547-11	CAPACITOR .33 MFD. 100W V

ITEM	PART NO	NAME
RY3	118181	CHORUS RELAY
RY2	117858	VIBRATO RELAY
RY1	117858	VIBRATO RELAY
SW1	48836	OPT. SWITCH SPST
	53648	SWITCH SPST
SR2	71588-5	DIODE
SR1	71588-1	DIODE
S4	118071	SPEAKER
S3	118093	"
S2	118071	"
S1	117913	SPEAKER

THE WURLITZER COMPANY DE KALB DIVISION - DE KALB, ILLINOIS

MODEL 420 TONE CABINET

TITLE Sound System **SCHEMATIC PART No.** 118009

STARTING SERIAL No. 398,000 **ISSUE** 1 **DATE** 1/16/61